

Title (en)  
NON-HALOGENEOUS FAST CURING TWO-COMPONENT EPOXY ADHESIVE WITH FLAME RETARDANT PROPERTIES

Title (de)  
NICHTHALOGENER SCHNELLHÄRTENDER ZWEIKOMPONENTIGER EPOXIDKLEBSTOFF MIT FLAMMHEMMENDEN EIGENSCHAFTEN

Title (fr)  
DURCISSEMENT RAPIDE NON-HALOGÈNE ADHÉSIF ÉPOXY À DEUX COMPOSANTS PRÉSENTANT DES PROPRIÉTÉS IGNIFUGEANTES

Publication  
**EP 3275915 A1 20180131 (EN)**

Application  
**EP 16182091 A 20160729**

Priority  
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Abstract (en)  
In one aspect of the present disclosure, there is provided an adhesive precursor, comprising a first part (A) comprising: a first epoxy curing agent comprising at least one polyether amine and having an amine equivalent weight of at least 55 grams per mole of amine equivalents; a second epoxy curing agent distinct from the first epoxy curing agent or a secondary curative; a metal salt catalyst; and optionally, a toughening agent; a second part (B) comprising: a first epoxy resin; a second epoxy-based resin distinct from the first epoxy resin; at least one phosphorous-based first flame retardant; a core-shell polymer toughening agent; optionally an epoxy-based reactive diluent; and optionally, a filler material; wherein the total amount of the flame retardant system is lower than 25 wt.-% of the total curable adhesive precursor.

IPC 8 full level  
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